

at Berlin and Frankfurt

# L-M-BARTOW

high intensity runway lighting

helps speed "Vittles"

The L. S. Air Force, with its long and favorable experience with "Bartows" in the Aleutians, Newtomaland, and other tough living areas, has induced these high interesting higher areas, has induced the subject and any analysis of the subject and any analysis of higher and the subject and "Vittles" operation. A Tempelade possesse means for a second pass, and the ship returns to its lass still handed.

In addition to scores of air force and navy bases, many commercial airports and airlines enjoy the benefits of greatly reduced cancellations and passovers, and greatly increased safety provided by LM—Bartow lighting.

Here are some of the commercial airports that have or are installing the latest type "Bartows" which have the controllable beam that makes possible the very high intensity of 180,000 beam candlepower—without glare! Boston • Chatanooga • Chicago • Indianapolis •

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For more information about engineered lighting for large or small airports, phone or write Airport Lighting Division, Line Material Co., East Stroudsburg, Pennsylvania.

Illustration shows what the pilot sees as he approaches a typical L-M—Bartowequipped runway.





LINE MATERIAL Airpor



# Airborne weight lifter with Real Stamina

A fewline sirroral: manufacturer rough; a begar cargo boast one to espedia the leading and unloading of planes to be Westershause was selected to do the rob

- 1. Howely developed flows weener that makes
- 3. Speed limiter for alexa regulation of up and 4. Triple pinamery appro for speed reduction speed-limiting device permits accurate Surbana " of the beau for handling critical

Weighing only 52 lbs, it is expuble of lifting 4,500 lbs. st the rate of 24 feet per A Westprhouse Engineer will be glad with you on other sirerift problems.





## "Engine fire will start in 10 seconds"

at the Kidde neurone crounds! They're planted in advance, started by the bugdeed in a RAN nearer plant-formal splifted objection set up by the unpeller of a second engine. That's how we so about studyour the speed and efficiency of fre-entirgun-light provide under conditions that clouds

DL, the French we've timed the feeliffing speed of them all with solitsecond securary. That's just a part of Kidde's research program -continuously carried on in the interests of order theirs. We're also overselve

to place the results of our research at the disposal of covernment areacies, aircraft manufacturers and transport companies.



AVIATION WEEK, April 11, 1949



Walter Kidde & Company, Inc. . 415 Main Street, Belleville 9, N. J.



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# THE AVIATION WEEK

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# AVIATION CALENDAR

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# MICRO...A Complete Line of "AN" Precision Switches for Aircraft Use!

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- 3 ---with senied plumper (MICRO SZY-78NTI). De-
- used in conform in AN3217+2. 4 stances become sets offer one orderer (MICRO LME II Conform to AN3233-1. Dewhich preference to AN2210-1-
- 13 Antonio bendari (MICRO MC7711). Conformi 5 Aberiage housing with refery separate (MACKO IYATI for enclosing MICRO V2-1 switch V2-1 conforms to AN3236-1. 14 Homestony cycles brooks switch (MCDC 1ATI).
- 6 ST change hour watch (MCEO 87,7857) Con-7 for planter basic switch (MICRO 82-831) Conform to 6N3210.1.
- 8 Fin plunger, sold contact local; picket INCRO 82-3YTI Conforms to AN3216-1,
- Q hour connections brooked (MCEC) 5, 107/62810 PRESIDENT BLUSOIS, B. S. A.

# NEWS DIGEST

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Aethur E. Smith, 37, was moned Wilson, South, needed charl cap ners were 1944 yearst P&W to 1910 engineer of the R 2000 graphs in 1940 true Keens City, Ms., olant.

W. R. Greek & Co. sold 70,000 these of Rettre Ar Lact ottemen of 154,000 sharry of National Ashers. and EAL competitor, for which it must have CAB approval

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# INDUSTRY OBSERVER

venous of its XB-45 traffoget beautier. Second XB-45, powered by six GE Allieon 1-15 turbojets, was moretly delivered to USAF Master's new version of the XB-61 world be neutral by time technique, control with dual contra nativing propellers ▶ Desglat Aircraft Co. is now building on X-1 supercode passeds plane of the Swetz Monaco plant. Construct asimusily was a desire shade but non under now. Other Desglas especimental projects include: protesting of a new New etteck breeder, a supercone New fighter, and design

\*Chemis of the Gless L. Mattis Co. lose developed a new formemattest compound for ceeting retreets of secret. Compound can be reach maked to fabrics and will withstall measures hundreses and dry cleanance without any polarities in deare-produces analysis . Air Poure is facing sensors deficiences to repertourner stands for large

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occurring examiner gained on the Berks with which indicates that engines and their require the most decount asplacements. \* Continue is still the bir problem to the readed metally field. Several 900 ms, metir but so for no substackey method has been devised for sudden the tracks into a multiple supply at the end of its owners. More

\*Connection procurated has accommissed \$190,000 for an approximate \* Acatmics may but placed another color for Faces Facts correspond

F.U. S. Air Force pilots have flows the Douglas AD-3 Steenber in simulated country against the North American F-51. The fighter was network faster but observer were expressed by the case with which the Strender outsumcurrend its opposent with the set of its large dive flags. USAF is considering the Sternider at a low level attack place to All a current gap in its operational stable

\*Al-Warther Flying Center of USAF at Willnagton, Olive, has satomate bankers of large everalt. Storete elide pull now and on steaded ILS compount soults as cotrouch hard leadings. The outmatic flarecest amounts of an entremely screenes alterester model the second which transfers automatic control from the glide path to the offmater is booked onto the auto-polic to disc out the rate of descript autil it market may rue at the restort of landing Countrie Ltd. of Montred in thicking about desirates a feeder hore for one in porthern Conado and other seem of the studies; bloc where see face transportation is post: Canadaly surrent patients include measuretue of 200 F-66A pet fighten for the ECAF under Boome from North

# Vinson Asks Increase in 1950 Plane Funds

Urges 8778 million over defense budget to buy 1220 more Air Force and Navy planes. By Robert Hote

A harst so welsters except worserment from you not of Vinney's month secress roughly would be soft U ! P Programment Record-To the august Group strength would be at 57 crember

The additional \$500 malken from avenue at the Hanney Military Trees.

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TWO VERSIONS OF CRUMMAN GUARDIAN Fact fight picture of the dual role placeral detectors of Schoolsal subscript bootleng. Both experimental models are powered made XTROPE (top) is a special result plane. Stages of the last was on a Communer TET. duction match to be known as the APRA Amount for anti-faherated subsection course topodo stend nationared the "Goppe" by used AFDs will be assessed by the E-2600-45 entrance for announcement accessible open. Impact plane increment the "supply of the access will be permitted by the \$1,000-40 time. The large release belong belon the cause of its helping hells XTBHF1 was pattern around. Note his medical 27 of the

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AVIATION WEEK, April 12, 1946

More B-36s

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Fire Models-All all the new B Sta rice and marries beginn four gives in addition to the stendard power from six Pott & Whitney

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Eastern's Earnines Tops in Industry

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pane's sed excess power is found in reg capital. As of Dec. 11, 1945, this balance aggregated \$10,565,284, command with easier \$7,35,315, a resercuston chapes of \$6,604,562, comwhile mades the terms. \$16 million at 22 stockholden is graceled in the yearman pays with an added merges of safety. study abotton for book undit we short teen, and marketable wereduce charges on the bank less. This bank

Committee Cuts CAA Budget

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AVIATION WELK, Audi 11, 1949



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# Los Angeles Airport FIDO Shown

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## Fairchild Produces New Let Engine

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New Transactions Reported by SEC Purchase of \$50 shows of Pince are fored stack by William T. Power owner dest and chalcours of the based of the ches him holdings of \$150 doors of work and 166,276 shares of the comby SEC for the suit-February to mad Musch periods

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AVIATION WIFEY April 17 1946

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ner their in 1947. Directed of 75 cents Contracts for everbani, modification bedied large in total sales. These inrinded a large neglecture of symbols on C-5% and in the Boths sight Other beginns recipied continued prorood selling than to feeting countries

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BEADS INC. NEWS

# ENGINEERING



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# Subminiatures Call For New Skills

High consumption of very small electronic equipment in expendable missiles calls for efficient mass production-

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Engine Primum, Steiners, Brain Codes

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Hene's the NEW LEVEL CONTROL VALVE Tonk Levels for:



Other Parker Mount Products

NOW ... to control

This new PARKER valve controls feel task levels for more accurately. Has believed print universitate operates independently of five rates or premium. Actuated by several fast, Offered on both toroffling and herston-illing models

· Single Point Fueling

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Fuel Transfer Systems

· Pressurized Drop Tonks

liquid levels mere accurately

Companie - Light weight -- No. 1" year weight N. Ib. 15-15" sate weaple 1 to. Sudable for high pressure systems-0 to 50 pm.

Periffus shad off and consistent of the

White trades for Endage Ate, 535 \*Approved by U. S. AIR FORCES (Yellow Dot

TUBE FITTINGS . VALVES

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AND ATTOM WITH April 12 1969.

AVIATION WEEK, April 11, 1909





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AVENTION TITLE And 12 loss



Speed, Altitude Tests weed tremel designed to develop upor The new test facility, made morehie-Office of News Research Applications

If the has been deficult to embor

Why Are More and More Aircraft Manufacturers and Operators

Fenwal Fire and Over-Heat Detectors?

Proven reliability. Complies with CAA Technical Standard Order Simple lowered install Cit in accordance with Soclety of Automotive Englperr Specificatives AS, 411

only 2 owners each.

No maintenance prob-

Switching to

PENWAL.



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This typical Profile Workers High-speed and at hely eachiesed, and has belonged Education and cooling ON

al retail and capacities. GROUND

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Special finances were designed uses a Tanda-Weatern gas to in test a new type of saud-flow compresser. In this application, large in 150 hp ts 1500 years, respect speed in \$4,500 year Stockhot where vis 1,700 flows, sourced selector in 11,000 year. Stockhot or heart of the contract of the source of the selector of the selector.

that seeks were meant problem velocity. That's fast for any gent box opening up to 3 hours at a true.

Note that they seek of experience, and the finest guarathing, facilities in the West, we saidy to sorve you or our 3 plants. In the

power treatments problem at evanue, his the set and on the general One sedament are constrainty at work to extend known proving for the solution of appropriate and architecture.

Why see costals our said of explanate to your career problems of mechanical power customerston?

New Airmsh Products analysis smalled by Pieter are year.



SEAR PRODUCTS

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New Test Procedure Devised For Fuels

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Zend us year denvices. Waldes Trums engl will be gird to show how Trucer can belo you.



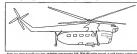
WALDES KONINGON, INC., LONG. HEARD CITY I, NEW YORK

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# Pod-Copter Design Accents High Utility

Cover remove to hard a 6000-lb man, control exactly limit, control and time of certal loss of control because

everteed schooling, and fatigue, or Proposal for retoreraft to be bouled by C-120 type embodies researc, carvo, crupe, transport features Desire coefficient for a lone-comes and load, worselves, a distance of 188 . Flying cross, special of receive a 12.000-th object across a civer, frame have been (gravulated by Docum Hebable location he mine common affects. The configuration, featuring a single non to the free man draw rator, is based on the philosophy that a Affrough the copter is designed to be ferred over 1700 ray, nagreson, discoanably of only the main and hell roter entions and he advocable to corry out a wide variety of exceptions the bolly of a C-128 for a quick dish to The design is intended to purset the P. Deuro Philosophy-Underfeiter etc. ment chused to scale this design a drive voters.

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Estimated Performance of BC-3 At Desires Gross Weight At See Level

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Test Landing Effect with no effect upon vibration, stress or On Packaged Cargo Two engines are used-Weight The C 9HDs (1520 ca to), each offending 1040 bko at 2440 open at 12,000 ft Donas system concerning soded, od other mechanism or magazil of main There are no hings, disapers or ac

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An Invitation To New A. Die sone opportunity that Inventory metions of floor man constitute and and



In order to make it possible for private up.

GRAND CENTRAL DALACE June 4-11, 1945

This is the first time that inventors, have at east the sea of time had the approximate to not only show that whose and produce he often poor recognition for themselves. For remarked details and other application

Inhibits Countities INTERNATIONAL WYINTORS EXPOSITION Paris S Shelton Hotel 525 Luxington Ave., New York 17







with CEE-BEE - Transing procedure

- \$20,000 SAVINGS!

דסופי פיני This parties first 64 percent of various types

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anothered these results. Write tades for detailed communities

Small Plane Owners! Coeller's cleaning procedures are not restricted to sir from You, You, too, can keep your school, corpocation or personal plane Heights Clean at all times. Write for information and muse of distributor in your nexa-CEE REE CEE-BEE CHEMICAL CO., Inc., AVIATION DIV. ALE TATE CACE ANTHON -- AND AND IS A CALORINA

AVEATION WEEK, April 13, 1949.

# Lighting Studied

Cocknit red illumination lacking unless sufficient

power is maintained.

The reading of motourcut dish at

AVIATION WEEK, April 11, 1949.

CONTROLS BY AEROTEC

... specifically designed for Military Aircraft ...





THE AEROTEC CORPORATION GREENWICH CONNECTICUT

# Air Force Tower

To Test Parachutes ander creatmenton at Marrie Air Proce. when the nicelle arealism a proset speed



Phone for Oxick Service

mage I. Spread & Joy, by John's Now York Street Principles, Spring.

Let Metals Lubricants Studied Via Electrons



# This month A BRAND OLD PLANT makes its last flight!

Occasiod by feat, Batte, man modern transsome the Docatas DC-5 makes on lost passenger record, as was the DC-4 last year, to make way

reactation for rehability and sound performance,

The first DC-I was perchased over a decade ago

Iner Olingen, common and plots side-will



# twice the heat in half the space



strong, complified posttructure. Redigest eltheut disturbing bester. Stonelard

is monthly on the two named relifficar to benitted's world farmers line of aircraft harders. the 5,700 and \$300 wheth heits to better military and commercial house stravioris-



dependebility. Here's how redless take husters delices more heat reacombination chamber (radiant tabe) at a tuncont, forces me firms. There are no bot-spots. Heat distribution is uniform . . . The flame then doubles book through the specially corrugated, secondary combustion chamber. Becase the preserv combustion "tabe within a rabe" nonas a blob-temperature radiator, heat transfer parfaces are reasoned to a radium as well as removed hear. This law heat transfer surfaces and ventilising air presen-Greater design freedom is affected by important reducforce in sire, weight, and veretheling ar pressure doug. Greater incorpore of dependable operation is accorded by

the simple, standy communities (achieved after vests of experiments). Hert transfer surfaces are made of special high nicked either, steerings corrected by Japaner's own named dealer. Place to associable from catiful bacter Redices tabe essentity is also personable, and all poets are stredardized for interchangeability.

For remotive details on this important derward stan in



















# PRODUCTION



Boson's Today urner may make a consched. Early limb ranging up to \$1,000 ft. To drive, with the orthography Today VIII, you are the place has not been fived above 20,000

# What Is the Future of the Tudor? Tudor IVs, withdrawn from possenger service, pow will

be tried on sirlift; other models being built LONDON-The Tudes have abled, with #55A, have led their seels re-

place. Each plane can easy an over are load of 1906 and of appeling or stray Index IVs, the Newscar of Co. 6. 2000 got of feet on per tree Acution annually that the Years & Many Being Book-Stoken more loss of BSSA's "Star Ared" on Jan 17 Honoral's and Krapiton, Bearer

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Two preduction models are done Se realisten males are conand by DSA's and more designated tro function services modeled to the

PRODUCTION BRIEFING

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AVEATION WEEK, deel 11 1949

# Invitations and Awards to Industry by USAF Air Shiered Cosssord Procureest Dr.

Propertiest field effor Incoher Bester

State-by Accepts, 1-5 Street, 556 Sect.

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For SHARM and maphible 100-001; Companies obtains—Barrers and a Co. Dec. Houses City So. on a last of \$20 and \$5. Sec. 100 and \$1. Sec. 100 an Companion sharing derigns great, to Moth Admin Man on a big of prigo, to Moth Admin Man on a big of prigo United Transformer On New York on Not of BTHI IN and Courge V Equated Market Man on a big of BTHIST etti. Comprese stattop - Buttan Roscharu no. Combinel on a life of \$1002.0 and Syrina Restarch Austriano, Chicago on

a 25 February Sale May 18 delivery May 1 May 1 Shorten Branton 2015th such told in gallon 30: 47 1555 house duck 35c 25 Market Fundament, 13 Danie, but bertle Part IS Ed In welching rises (65-77);
Completes sheeing -Earth Courses Co-eff Christian Co. on a bid of High M. and Collected Street Largery 1-1 Street Mil-General Education Commissionally V 1 Fed 400 publishers (40-1600) G. A. G. Mannahamaning Co. Sew Shares Ches. on a lost of \$50,570.

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## Invitations to Bid

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Charty by Mrs. 2. Take Assessment of each, his includion, a shift? Issue days our is delivery by

NEW AVIATION PRODUCTS

# Additive Holts Wosh-Water Freeze

preceded to the water, although as skill

Givool in plane havatory system Incores water supply, protects piping

The product, propriese given), is

# Pressure Via Hand nounced by Predic freques, Bendin Asselion Casp., 11600 Sherman Way,

n assumed by Hydra-tim, Inc., But

Controls Florid Flow

New type aslessed-controlled sut-

Two new models of Treators beam stends, Models SDR-11 and SDR-51, made by Alefmelics Engineering, Inc.



### For Hydronlic Testing Hedrocke components test stand

Armotre Corp., 2940 North Holly-wood Way, Burbank, Calif., a description personne on to \$500 on and 15 own

# Eve Protection

Confect and admittable are region

# FINANCIAL

# Airline Reports Show Contrast

Analysis credits American with best financial status

times to offeed intercebus markets on country or which the monology states For the year coded Dec. 31, 1968, American reported a net loss of \$2,0

Minimum represent a set also as our last of \$3,400,766 for 1947. During 1947, however, there was a substrated ► Granding Per - The 1946 account Can' Arennaghin Reard in the February CAB has feed a tentitive amount of TWA and United as a small of the DC-6 and Constitution expenditure

have been reduced by \$1,500,000 for 1946, to \$1,399,671 Sanularly, 1947's The St mileon sweet is to be perever a five-rear period, starting June 1, 1946 Actually, however, CAB has not

is del United ets 1948 less world

ections the costal made's for my will be a year of opportunity for Arner PROVIDE Profe-Brand Armen discloses a net profit of \$191 614 in Phi tornal plane determining future souths 1945 reveal croset. This crements The only countries made by Americ, with its adjusted out loss of \$516.668.

enter Not declared in the second on our man of amount \$225,000 each for

proce for this type of transport is now proceed around \$550,000.

American's number transition was ac-

by \$40 million in 5 percent debestions, \$40 million in 14 accept convertible

1947 scrults is evident with the notation added compensation applicable to that among transcontinentals; Braniff position improves, The the heels of specining an in-1943, as not as for a post of 1947. "but

sponeice, they have to 90 coats per course the securities tale was exami-Plate Assertes Soute-Braud's in augustion of its Little American stretru deres 1966 respect to be a costle of \$225,705 for 1966. A nemporary retermined and the of 95 perb per decreased depocentage by \$840,770 dayplane rule presently provide for the common Phonos as application is need-Proor to this CAS reconsucedates. ing for a heater rate which the company hopes will convert the less on this personal region of the personal law shiftings. The cownery is savoier as a deferred charge on its balance sheet, whave to processor assortination, a total of P. Freimment Switch - The northelithed last of American's other-rained

A decided increasement in Brand's

1945, was largely strebetsble to an in-

course an east pay. Total read correse.

11 percent of all operating strenges

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Pirate

on the prowl...

And Officer (\$10,400, Col. Same Str., 25 Acres Vento S. Officerald, (12) Linear Str. - Sar-Sign 160 i Sar-Sign

AVIATION WEEK AND IJ. 1949

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penduced to Acros. Nov., and AMS aparaformers. For fast





# LETTERS Lightplane Carburgation I with to cougables Mr. Fiel Weich Through succes tests, both as our lobou-

being a need spector type exclusive designated as our "FS Sentes". The FS

By introducing hed at the prest, the

# Types and Sizes, Available Over 100,000



Standard for Andustry Since \$599

POSITIVE







AVIATION WEEK, April 11, 1949.

I might also add that the problem of ab-

ADEL THERINE. TYPE WATER ALCOHOL PUMPS Described for handling law viscosity Duids at

velatively bigh proces. and low shaft speeds

Nerfected Airship

Anti-Corrosive STAINLESS STEEL FASTENINGS DO THE JOB Retter



At Your Fingertips . . . the Lorentt Stainless Fastening Stock to Be Found Anywhere! Over 1,000 recogns of standon facestracy on dand, beliefs

up were of these called for by accommon armed month my. An extraolog special saler screen a also qualitate



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AVIATION WEEK, April 22, 1949.

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LETTERS



# HERE'S YOUR FACT SHEET OF USEFUL INFORMATION

1952: Southern Philodolphia International Ad-PADEITES four powel mewage, two landing county substitute here print, carryland carried, Fixed and obstruction lights, CAA operated revise covered toward and deposition covered on version 24.

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AVIATION PRODUCTS New York - Chicago - In the South: Arkeyone East Of Co.

### AVEATION WEEK, Asset D. PAGE AVIATION WEEK, And II. 1969.

# SALES & SERVICE Group Seeks Civil Flying Helps

CAA advisory committee seasons recommendations with successions for more understanding, less and tape.

a Additional attention to emblem of

presonantile 3000 ACFA menher

Recommendations which were de Defensest of the proposed righten-ing up of CAA Massel 50 regulating

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draction outlined by C. E. A. Boren,

West, Dec. 6, 1946) as a mesos of providing most economical and sur-\* Artison by CAA to relieve plane manefecturen of a large part of the currand one those qualified the response

\* Asserdment of two plane operating equiptions to person stude engine is contact wrather condition ! phracy for serial seeding, spenning etc. being well digest minima compensa

tion be publish sensors and others of

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according to Robert N. Ward, executive



Conserved & Co., Honton Tono, shows place will be built the spring for CAA on drovehood keelige, the stought hill costs

Designed Model AC14, the pro-shop (Avestice West, Dec. 13, 1947) SALES & SERVICE

RRIFFING FOR DEALERS & DISTRIBUTORS CYNENA WE SIPER-Richly between the two too personal plane produces, Centra and Piper, continued when in March, with Centra producing 121 places and Piper 115, according to unafficial purknitury Cruss Model 176 and Pase PA-16 Clinger went the two best sellers of the month with 85 of the Comm four-observation 46 of the Clippers yes then for 257 new foundate. Among continued in third since with

APPEAL SPRAYING CONSTRUCT, National Phone December

CLEPPER COUPE COMPARISON-Piper Assent Corp., in a smort which sold at \$1995. That \$1995 page would mean \$3546 on a hunof today's \$6 year substant of the dollie, or the Chaper poor would be

BRICHT NOTES-Resdo Robo Flightweight has showed a 25 persold 29 point of fleets in learnery and February 1949, as compared in NEW BELL HELICOPTES-Bell Alemit Com his unice bared a new version of the 47-D helicoptes at 523,500, a reduction from predesigned the 4TD-I, has a 950 fb, payload almost 40 percent genter than previous models, achieved to design supercentests which have

MIDAIR COLLEGON DAMAGES-Infernets totaling among

repotestion for of \$2, plus an encur tax

# Public Relations

# Radio Endurance

I M Bertales, avates rate ule-

# '49 Monocoupes

Monocowae Amoust & Famine Corn.

# AIR TRANSPORT



# Views Vary on Jet Transports Short haul concept favored in U. S., while British planners learn to languagnes, trans. Atlantic craft

you working on a production crosmes

costs and will too heavier traffic deposits that load ut then for a lone more The Income design would have four loss U.S. manufactories on trying to turspirt designs off the drawing boards Promittee Bill-Dig hope along the type development and contention P SchtSuffigure Net in Sight-In and

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Feeder Routes Aided In CAB Proposals

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of communes, the portel server and no. P Further Experimentation-Pioness. head rainer to receive a certificate, in removar motion enters subcreate

> PAWA Shows Property Toront to senior and has a self-strate framelia

AVEATION WEEK: April 11, 1840



DC 64 fregion a cloud to make such trouped during eneroses: Selbos for an



# New Modifications for Viscount

Vickers Armstrone increases performance, navload and power to revive airline interest in turboucop craft.

LONDON-The Vaccent moint Ambanador even before the Viscount that as pulma-engand obtact matching of the ingressed power fision matching by the ingressions of the new Rollin Royce Diet, the RDu 3, developing 1420 sky. Fusdage has been hern designated Viscount 760, to dorecrose in passenger-recognishing boquah it from the prototroe count 700 will by a smilable. While

Virginit is extensely for it obey too and some both when the turboin edge on one of the cabra tables, will The lack of vibration will cortain

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grainen. Profector unter will bee once without effective the landkage

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2 853 vd Landay dictions live

NEA Convair Liners

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# All the Leaders are Lockheeds

financial gains in 1948.

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Rebound

Airline amusal reports
show great traffic and

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reation are very easil, either. He's too feative COPILOTES DETTIPS TIP TO DATE-Complement on opening in on the were about the conflict languat, run have Nov. 25, but mostly from the new remember. He Shedden tent be comed it down first May 1997. "But it is still sodom times. Newsdays, the copilet makes the landing, wakes the captain up.

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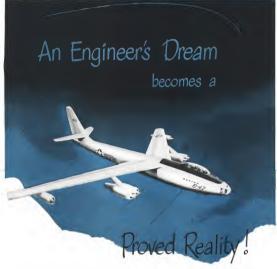
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